

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

|  |                |    |   |                          |                            |
|--|----------------|----|---|--------------------------|----------------------------|
| Substitute for form 1449A/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary) |                |    |   | <b>Complete if Known</b> |                            |
|  |                |    |   | Application Number       | To be assigned             |
|  |                |    |   | Filing Date              | August 27, 2001 (herewith) |
|  |                |    |   | First Named Inventor     | Gregory J. Ewing           |
|  |                |    |   | Group Art Unit           | To be assigned             |
| Examiner Name  | To be assigned |    |   |                          |                            |
| Attorney Docket No.  | 4584 US        |    |   |                          |                            |
| Sheet  | 1              | of | 2 |                          |                            |

| U.S. PATENT DOCUMENTS |                       |                      |                                      |   |  |  |
|-----------------------|-----------------------|----------------------|--------------------------------------|---|--|--|
| Examiner Initials*    | Cite No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear |
|                       |                       | Number               | Kind Code <sup>2</sup><br>(if known) |   |  |  |
| <i>M</i>              | 01                    | 5,538,848            |                                      | Livak et al.                                    | 07-23-1996                                       |  |
| <i>M</i>              | 02                    | 5,723,591            |                                      | Livak et al.                                    | 03-03-1998                                       |  |
| <i>M</i>              | 03                    | 5,736,626            |                                      | Mullah et al.                                   | 04-07-1998                                       |  |
| <i>M</i>              | 04                    | 5,770,716            |                                      | Khan et al.                                     | 06-23-1998                                       |  |
| <i>M</i>              | 05                    | 5,821,356            |                                      | Khan et al.                                     | 10-13-1998                                       |  |
| <i>M</i>              | 06                    | 5,846,726            |                                      | Nadeau et al.                                   | 12-08-1998                                       |  |
| <i>M</i>              | 07                    | 5,866,336            |                                      | Nazarenko et al.                                | 02-02-1999                                       |  |
| <i>M</i>              | 08                    | 5,928,869            |                                      | Nadeau et al.                                   | 07-27-1999                                       |  |
| <i>M</i>              | 09                    | 6,037,130            |                                      | Tyagi et al.                                    | 03-14-2000                                       |  |
| <i>M</i>              | 10                    | 6,080,868            |                                      | Lee et al.                                      | 06-27-2000                                       |  |
| <i>M</i>              | 11                    | 6,103,476            |                                      | Tyagi et al.                                    | 08-15-2000                                       |  |
| <i>M</i>              | 12                    | 6,117,986            |                                      | Nardone et al.                                  | 09-12-2000                                       |  |
| <i>M</i>              | 13                    | 6,150,097            |                                      | Tyagi et al.                                    | 11-21-2000                                       |  |
|                       |                       |                      |                                      |   |  |  |

| FOREIGN PATENT DOCUMENTS |                       |                         |                     |                                   |  |  |  |                |
|--------------------------|-----------------------|-------------------------|---------------------|-----------------------------------|--|--|--|----------------|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document |                     |                                   | Name of Patentee or Applicant of Cited Document                    | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear | T <sup>6</sup> |
|                          |                       | Office <sup>3</sup>     | Number <sup>4</sup> | Kind Code <sup>5</sup> (if known) |  |  |  |                |
| M                        | 14                    | WO                      | 95/13399            | A1                                | The Public Health Research Institute of the City of New York, Inc. | 05-18-1995                                       |  |                |
| H                        | 15                    | WO                      | 99/64431            | A2                                | Intergen Company   | 12-16-1999                                       |  |                |
| M                        | 16                    | WO                      | 00/75378            | A1                                | Biosearch Technologies, Inc.                                       | 12-14-2000                                       |  |                |
| M                        | 17                    | WO                      | 01/31063            | A1                                | Epoch Biosciences, Inc.  | 05-03-2001                                       |  |                |
| M                        | 18                    | WO                      | 01/38584            | A2                                | Epoch Biosciences, Inc.  | 05-31-2001                                       |  |                |
| M                        | 19                    | WO                      | 01/42505            | A2                                | Epoch Biosciences, Inc.  | 06-14-2001                                       |  |                |
|                          |                       |                         |                     |                                   |  |  |  |                |

|                    |           |                 |          |
|--------------------|-----------|-----------------|----------|
| Examiner Signature | <i>Mi</i> | Date Considered | 11/04/02 |
|--------------------|-----------|-----------------|----------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. 27972\_1.DOC

27972 1.DOC